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(54) Title: FLUXING AGENT FOR SOLDERING METAL COMPONENTS

(54) Bezeichnung: FLUSSMITTEL ZUM LÖTEN VON METALLBAUTEILEN

(57) Abstract: The aim of the invention is to provide a fluxing agent for soldering components, which creates one or more specific surface characteristics during the soldering process itself, thus obviating the need for the surface treatment process that is conventionally carried out after the soldering process. To achieve this, nanoparticles are added to a base substance.

(57) Zusammenfassung: Ein Flussmittel zum Löten von Bauteilen soll bereits beim Löten eine oder mehrere spezifische Oberflächeneigenschaften erzeugen, so dass der gesamte dem Lötprozess ansonsten üblicherweise nachgeschaltete Prozess der Oberflächenbehandlung entfällt. Dazu sind einem Basisstoff Nanopartikel zugesetzt.